

REMARKS

Claims 1 - 3, 10, 14, and 15 are pending.

The present application was alleged to claim a number of patentably distinct species of the invention. Following is Applicants' response to the embodiments identified in the Office action. The page references cited in the Office action are shown in parentheses for convenience.

Applicants traverse the grounds for restriction, and provisionally elects claims 1 - 3, 10, 14, and 15 for further prosecution. The elected claims are believed to recite an aspect of the invention identified in the Office action as embodiment 12.

Embodiment 1 (pp 15 - 20): This embodiment discloses a new solder material.

Embodiments 2 - 5 (pp 20 - 30): These embodiments disclose a junction for connecting electronic parts (e.g., semiconductor chips or semiconductor devices) with a substrate by using the new solder material disclosed in pages 15 - 20 of the specification, and devices having the junction.

Embodiments 6 - 9 (pp 30 - 36): These embodiments disclose the use of solder balls and materials therefor.

Embodiments 10 - 15 (pp 36 - 63): These embodiments disclose electronic devices (e.g., semiconductor module) in which electronic parts (e.g., semiconductor chips or semiconductor devices) are connected to a substrate by using the new solder material, and a method for manufacturing the electronic devices.

Embodiment 16 (pp 63 - 65): This embodiment discloses specific ratios of constituent material in the solder material of embodiments 1 and 6 - 9.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,



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